/152 cont./

804 reflective and sly facial expression is exactly the same as ours.

O. Techniques

439 511 A definite domestic industry is present. Whatever the Auin really needs, he is able to manufacture for himself. All imported objects are luxury items. I make an exception in the case of the iron lance points, but I believe that if necessary the Bushman could even do without them.

463 The beginnings of a division of labor can be seen in the fact that only certain individuals practice the smith's trade, which, incidentally, does not extend to the manufacture of lance points.

● 323 Pottery is unknown.

439 Pots, supposedly from the Okovangga, are to be found sporadically. The Auin, however, is unable to repair such a vessel, as by puttying.

285 Rings of braided grass are manufactured. I myself have never seen them, since they are only made of young, but no longer green grass, in other words, shortly after the rainy season.

[294] It is said that at the same time of year certain special artists braid hat-like head coverings.

The grass rings and hats have only a limited durability, for in September and October there was none left for me to see.

[415] Sieves are made of parallel grass leaves joined together by thin strings. They are used to strain food.

"Kirris" are made with attractive decorations (Fig. 12).

413 A root stock with a knotty end is peeled and made smooth.

531 A kind of pyrography is practiced on it by wrapping it, leaving bare spaces, with a long strip of the wet bark that was peeled off, and then placing the entire stick in red-hot coals. The unwrapped parts burn to a black color, while the other parts remain white.

I could not learn the purpose of these decorated sticks among the Auin. They use rough, pointed sticks for digging sticks. The kirris, therefore, seem to be luxury articles.

412 Iron knives, sharpened pieces of iron, or lance points are used as tools. As an example of pyrography, see the pipe plug, page 33.

[63 cont.]

252 hot, the ashes and fire are taken out, the melons are placed in the hot soil, and the glowing ashes are thrown on them. The next morning the tsama are ready.

301 The largest ostrich egg beads are produced by the Masarwa.

532 Their dance masks are made with pods and cocoons, and
535 sometimes also small hide balls filled with little rattle stones.
323 They still know the art of pottery. White or red body painting is
302 customary.

304 A Bushman tribe at Ngami Lake is supposed to have the custom of removing the last joint of the little finger.

278 Dornan mentions the following medicines of the Masarwa: for black water fever, Anacampseros rhodesica; dysentery, Monsonia ovata and Euclea lanceolata. Other medicines: Cannabis sativa, Solanum nigrum, Lippia asperifolia, Crotalaria burkeana, Pterocarpus angolensis, Datura stramonium, Indigifera senegalensis, Bauhinia reticulata.

752 The Masarwa claim that they can only treat the bite of the puff adder. The body of the Lygosoma sundervalli is charred, and the powder is sprinkled into the wound. Every snake is killed, and
[751] its head crushed. Reportedly there are also inoculations against snakebite.

595 According to Dornan, monogamy prevails among the
836 Masarwa. Sexual intercourse before marriage is prohibited, and
684 incest and adultery are punishable by death. As a rule, the con-
584 sent of the girl is necessary for marriage; it is generally sufficient if the suitor presents his father-in-law with a head of big game. The hunting test is customary only among the Wankie Bushmen
582 and those of Bulalima. One may marry a girl from the same clan. Among those tribes that are totemistically influenced, one may
304 not marry a person of the same totem. Circumcision is practiced.
881 As soon as the boys and girls are about 12 years old, circumcision takes place, for which a stone knife is used. In the case of the girls, the clitoris is pierced with a stone point. Sexual intercourse
[836] between the uncircumcised is strictly prohibited. Occasionally the nasal septum is pierced at the boys' initiation. As among the
761 Bantu, every death is explained as sorcery by human enemies. In
764 olden times the dead were supposedly thrown into the bush;
178 nowadays they are sometimes buried in a crouching position in

2: Schapera E-4, 5 (no date) 1930
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Cooking

252 [462] is done chiefly by the women, assisted by the children; in exceptional cases the men also may cook. Wild cucumbers, nuts, bulbs, and similar plant foods are baked in hot ashes covered with cinders. A bright fire is made and allowed to die down, a hole is scraped in the ashes with a flat, paddle-shaped wooden scoop, the food put in and covered over. It is then eaten whole or in the form of soup or porridge, after being pounded up in wooden mortars or on a stone and mixed with boiled blood. Birds, snakes, small antelopes, etc., are baked in the same manner; ants are similarly treated, and then sifted through a mat of loosely-woven reeds, while locusts are either baked or boiled. *Grewia* berries are sometimes eaten as picked, stone and all, sometimes stamped in the mortar and swallowed uncooked. Some specially dainty kinds of meat are roasted over the fire on a wooden spit stuck into the ground. Other kinds of meat, again, as well as stamped [439] locusts, *tsama* seeds and foods obtained from the white man, such as mealie meal, are cooked with water.

415 [439] The "tame" Bushmen now use any sort of receptacle, such as a paraffin or paint tin, for cooking purposes; the Auen and Naron in their more primitive condition used wooden pots, made by themselves or obtained by barter; while among the more Northern tribes clay pots obtained by barter from the OvaMbo and other Bantu tribes are sometimes found. The actual manufacture of clay pots by the [184] Bushmen themselves seems to have been restricted to the tribes [323] south of the Molopo. Food is eaten direct from the pot or from plates [264] and bowls made of wood. Wooden spoons are sometimes found among the Northern tribes, but generally either the hands or tortoise-shell spoons are used in eating.

372 Fire is everywhere made by drilling a thin hard stick in another, somewhat softer, in which there is a notch (Plate IX). This second stick is held firmly on the ground by one foot, while the drill-stick with its lower end pressed into the notch, is twirled rapidly between the hands until sparks come. A little dry grass is in readiness to catch the spark, and when it has caught alight dry wood is gradually added until a good fire has been set going.

372 622 In this connection reference must be made to certain special observances relating to fire which have recently been recorded by Fourie about the Heikum. "All fire," he says,[1] "is the property of the chief. The first fire kindled by him is regarded as essential to the welfare of the community. Every man and woman knows how to

[1] Op. cit., 87.

2: Schapera E-4, 5 (no date) 1930
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372 decorated with burned lines) on which meat is roasted, and scoops
[412] for hoeing out the earth loosened with the digging-stick. The North-
[415] western tribes also manufacture wooden cooking pots (sometimes decorated with burned patterns of simple design), calabashes for holding fat and other liquids, eating vessels and spoons, as well as pestles and mortars, the latter often provided with a stone bottom,
[283] which are used for pounding up dried berries, etc. Wood fibre is twisted into cord, from which they prepare their snares and sometimes their bow-strings and make nets for carrying their belongings.

824 Reeds provide them with arrow-shafts and with the tubes for
285 sucking up water, as well as with the material from which they make
[412] their fish-traps and weave closely-stranded mats for sifting ants' eggs. Reed mats are also occasionally used in the building of their huts.

237 Ostrich egg-shells are converted into bottles for holding water,
[415] and are also broken up into very small pieces from which the women
[306] make their beads. Tortoise-shells are used as spoons and scoops, and are also made into powder boxes for containing *buchu*. Small
412 drills are made of stone for the manufacture of ostrich egg-shell
324 beads, larger ones for the manufacture of serpentine pipes; two or
[439] three stones are also used as anvils for working the iron obtained by
[326] barter, or for the purpose of grinding berries, and besides these a few smaller stones are to be seen used for hammer stones or rubbing stones.

178 The other types of stone implements, which link up the Bushmen with
324 the prehistoric cultures of South Africa, are now almost certainly no
[323] longer made; nor, too, are the crude pots of clay formerly used by the Cape Bushmen.

281 From the skins of animals killed in the chase, again, are made karosses, loin cloths, sandals, caps, leather bags, quivers, tobacco pouches, etc. The sinew is used for making bowstrings, for reinforcing the shafts of the bows and arrows, and as thread for sewing skins, while in some cases it also provides the string for the nets in which
321 personal belongings are carried. The long bones of the ostrich and various kinds of big game are used for making the foreshafts and points of arrows, while other bones are made into knives, awls, pipes, etc. Horns are manufactured into spoons, whistles, small quivers for carrying arrow-points during the rainy season, implements for
[237] stripping the fibre required for snares, artificial leeches, etc., while
[415] the stomach of large animals, when not required for food, is fashioned into bags for collecting the blood and for carrying water.